PHM Society Conference 2025

CALL FOR PAPERS

Prospective authors are invited to contribute full length, original, high- quality papers at www.phmpapers.org. The topics suggested by the conference can be categorized as analysis methods, asset-specific algorithms, prototype implementations, fielded systems, and business case analysis. Both research and industry contributions are welcomed. Submitted papers will be reviewed by experts based on the criteria of content, significance, technical validity, innovation, writing style, accuracy, clarity, simplicity and readability. For more information, please contact the Technical Committee Chairs at tpc@phmconference.org.

Topics of Interest:

- Advanced Sensing & Embedded Devices

- Adaptive Control & Fault Accommodation

- AI/ML in PHM Space

- Automotive Systems

- Autonomous / Robotic / Unmanned Systems

- PHM in Aviation (Commercial and Defense) Systems

- CBM Return on Investment & Business Case Analysis

- Cloud Analytics

- Corrosion

- Cybersecurity PHM

- Data Driven Approaches

- Decision Support Systems

- Detection, Diagnostics, and Prognostics Methods

- Digital Twin and Digital Thread

- Electronic Transaction and Blockchain

- Energy (e.g., Nuclear, Smart Grid, and Wind)

- Enterprise-wide PHM Applications

- Human-centric PHM

- PHM for Human Health and Performance

- Marine, Mining, and Railway Applications

- PHM for Precision Agriculture

- Oil & Gas

- Physics of Failure & Model Based Prediction

- Predictive Analytics

- Smart Grid

- Smart Manufacturing

- Smart Cities

- Space Technologies and Systems

- Standards, Metrics, and Verification & Validation

SUGGESTIONS FOR NEW TOPICS FOR PAPER SESSIONS ARE ENCOURAGED

IMPORTANT DATES

Abstract Submissions

- May 09, 2025

Abstract Acceptance Notification

- May 24, 2025

Full Papers Due

- June 27, 2025

Paper Acceptance Notification

- August 15, 2025

Final Papers Due

- September 19, 2025

Dave Larsen, Scott Clements

General Chairs

Annual Conference of the PHM Society 2025

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